

Patent  
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## LISTING OF CLAIMS

1. (Previously Presented) An apparatus for graphically presenting information representative of the operation of a communication system to a user monitoring the performance of the system, comprising:

a graphical user interface that simultaneously displays information representative of the operation of the system at a plurality of test points to the user, wherein the graphical user interface displays:

a plurality of different bandwidths simultaneously presented to the user for each of the test points, wherein for each of the plurality of different bandwidths, for each of the plurality of test points, the graphical user interface displays:

information representative of the signal-to-noise ratio at the given test point for each bandwidth; and

a graphical image representative of the operation of the system at the given test point for each bandwidth.

2. (Original) The apparatus of claim 1, wherein the communication system is a telephony system.

3. (Original) The apparatus of claim 1, wherein the communication system is a data system.

4. (Original) The apparatus of claim 1, wherein the communication system is a broadband telephony system.

5. (Original) The apparatus of claim 1, wherein the communication system is a broadband data system.

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6. (Original) The apparatus of claim 1, wherein, for each bandwidth associated with a given test point, a graphical image representative of the signal-to-noise ratio of the system at the given test point is presented to the user.

7. (Original) The apparatus of claim 6, wherein for each bandwidth associated with a given test point, a first color is presented to the user if the signal-to-noise ratio of the system at the given test point exceeds a predetermined threshold, and at least one further color is presented to the user if the signal-to-noise ratio of the system at the given test point fails to exceed the predetermined threshold.

8. (Previously Presented) A method for graphically presenting information representative of the operation of a communication system to a user monitoring the performance of the system, comprising the steps of:

simultaneously displaying information representative of the operation of the system at a plurality of test points to the user;

wherein, for each of the test points, information representative of the signal-to-noise ratio at a plurality of different bandwidths is also simultaneously presented to the user during the displaying step; and

wherein, for each bandwidth associated with a given test point, a graphical image representative of the operation of the system at the given test point is also presented to the user simultaneously during the displaying step.

9. (Original) The method of claim 8, wherein the communication system is a telephony system.

10. (Original) The method of claim 8, wherein the communication system is a data system.

11. (Original) The method of claim 8, wherein the communication system is a broadband telephony system.

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12. (Original) The method of claim 9, wherein the communication system is a broadband data system.

13. (Original) The method of claim 8, wherein, for each bandwidth associated with a given test point, a graphical image representative of the signal-to-noise ratio of the system at the given test point is presented to the user during the displaying step.

14. (Original) The method of claim 13, wherein for each bandwidth associated with a given test point, a first color is presented to the user if the signal-to-noise ratio of the system at the given test point exceeds a predetermined threshold, and at least one further color is presented to the user if the signal-to-noise ratio of the system at the given test point fails to exceed the predetermined threshold.

15. (Previously Presented) A computer readable medium having stored therein instructions for graphically presenting information representative of the operation of a communication system to a user monitoring the performance of the system, wherein the instructions, when executed by a processor, cause the processor to:

simultaneously display information representative of the operation of the system at a plurality of test points to the user;

wherein, for each of the test points, information representative of the signal-to-noise ratio at a plurality of different bandwidths is also simultaneously presented to the user during the displaying step; and

wherein, for each bandwidth associated with a given test point, a graphical image representative of the operation of the system at the given test point is also simultaneously presented to the user.